Table S8: Estimated odds ratio\* of treatment on preterm birth, by metronidazole or clindamycin treatment, including imputed results from studies without IPD. Odds ratios <1 indicate that treatment reduces preterm birth. Results are presented overall and excluding each individual study.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | n\* | Treated (n) | Controls (n)\* | Odds Ratio  (95% Confidence Limits)† | P-value for interaction of treatment \* gestation at randomization | P-value for interaction of treatment \* obstetric history |
| Overall  Singletons only | 4652  4634 | 2368  2359 | 2284  2276 | 0.95 (0.81-1.11)  0.95 (0.81-1.12) | 0.81  0.74 | 0.63  0.61 |
| Metronidazole | | | | | | |
| Exclude Hauth | 4378 | 2188 | 2191 | 1.02 (0.86-1.21) | 0.43 | 0.76 |
| Exclude Carey | 2724 | 1411 | 1314 | 0.94 (0.78-1.15) | 0.64 | 0.20 |
| Exclude Klebanoff | 4401 | 2231 | 2171 | 0.92 (0.78-1.08) | 0.64 | 0.34 |
| Exclude Odendaal | 4358 | 2219 | 2140 | 0.91 (0.77-1.07) | 0.55 | 0.22 |
| Exclude Andrews | 4449 | 2273 | 2177 | 0.97 (0.82-1.14) | 0.57 | 0.85 |
| Exclude Shennan | 4623 | 2353 | 2271 | 0.95 (0.81-1.11) | 0.82 | 0.53 |
| Exclude Goldenberg | 3549 | 1825 | 1725 | 0.91 (0.75-1.10) | 0.90 | 0.67 |
| Exclude Morales | 4554 | 2315 | 2240 | 0.99 (0.84-1.16) | 0.95 | 0.83 |
| Exclude McDonald | 4155 | 2117 | 2039 | 0.96 (0.82-1.13) | 0.65 | 0.94 |
| Exclude Moniri | 4515 | 2299 | 2216 | 0.95 (0.81-1.12) | 0.73 | 0.60 |
| Overall  Singletons only | 6075  5986 | 3500  3458 | 2574  2528 | 0.90 (0.72-1.12)  0.94 (0.76-1.15) | 0.13  0.04 | 0.30  0.25 |
| Clindamycin | | | | | | |
| Exclude Ugwumadu | 5595 | 3260 | 2335 | 1.02 (0.82-1.27) | 0.05 | 0.50 |
| Exclude Lamont | 5584 | 3256 | 2328 | 0.96 (0.77-1.19) | 0.05 | 0.18 |
| Exclude Kiss | 5614 | 3271 | 2343 | 0.93 (0.75-1.14) | 0.04 | 0.21 |
| Exclude Larsson | 5196 | 3060 | 2136 | 0.92 (0.74-1.15) | 0.06 | 0.26 |
| Exclude Hoffman | 5918 | 3423 | 2495 | 0.98 (0.79-1.21) | 0.06 | 0.20 |
| Exclude Subtil | 3238 | 1626 | 1612 | 0.80 (0.60-1.06) | 0.18 | 0.38 |
| Exclude Joesoef | 5318 | 3123 | 2195 | 0.90 (0.70-1.14) | 0.01 | 0.25 |
| Exclude Vermeulen | 5965 | 3448 | 2517 | 0.94 (0.76-1.16) | 0.04 | 0.25 |
| Exclude Kekki | 5619 | 3275 | 2344 | 0.93 (0.75-1.15) | 0.03 | 0.25 |
| Exclude Gauschino | 5886 | 3409 | 2477 | 0.96 (0.78-1.19) | 0.14 | 0.46 |
| Exclude Giuffrida | 5927 | 3429 | 2498 | 0.94 (0.76-1.15) | 0.04 | 0.26 |

\*N’s are average number used in analysis; different imputations can produce slightly different N’s. Rounding can cause number overall to be different than sum of number in treatment and control. Twins are not included except in the overall results

†Model includes terms for gestational age at randomization and history of preterm birth (as a 3-level variable). Twin pregnancies are included only in the overall results.